

CLAIMS

We claim:

1 1. A plant-on trim element, comprising:
2 an elongate, foraminous lath shell defining a three-
3 dimensional shape having an interior cavity; and
4 an elongate core having a shape closely conforming to the
5 interior cavity of said lath shell installed within said lath
6 shell, the core having at least one peripherally disposed relief
7 defined therein adjacent said lath shell.

1 2. The plant-on trim element according to claim 1, further
2 including a finish coating applied to said foraminous lath
3 shell, flowing therethrough and completely encapsulating said
4 foraminous lath shell at each said relief of said core.

1 3. The plant-on trim element according to claim 2, wherein
2 said finish coating is formed of materials selected from the
3 group consisting of stucco, plaster, and concrete.

1 4. The plant-on trim element according to claim 1, wherein
2 said lath shell is formed of sheet material selected from the
3 group consisting of expanded metal, woven screen, hardware cloth
4 screen, hexagonal pattern screen, and foraminous plastic sheet.

1 5. The plant-on trim element according to claim 1,
2 wherein: said lath shell further includes opposed flanges
3 extending therefrom.

1 6. The plant-on trim element according to claim 5, wherein
2 said flanges are outwardly turned.

1 7. The plant-on trim element according to claim 5, wherein
2 said flanges are inwardly turned.

1 8. The plant-on trim element according to claim 1, wherein
2 said lath shell shape and said core shape are selected from the
3 group of shapes consisting of regular and irregular geometric
4 shapes.

1 9. The plant-on trim element according to claim 1, wherein
2 said core is formed from materials selected from the group
3 consisting of foam plastic and wood.

1 10. The plant-on trim element according to claim 1,
2 wherein said at least one relief has a cross sectional shape
3 selected from the group of shapes consisting of regular and
4 irregular geometric shapes.

1 11. The plant-on trim element according to claim 1,
2 wherein said at least one relief extends the length of said
3 elongate core.

1 12. The plant-on trim element according to claim 1,
2 wherein said at least one relief comprises a recess shorter than
3 said core and formed in said core.

1 13. A method of installing a plant-on trim element on a
2 structure using the apparatus of claim 1, comprising the steps
3 of:

4 (a) securing the lath and core assembly to the structure;

5 (b) applying a finish coating to the lath shell; and

6 (c) filling the at least one relief of the core with the
7 finish coating, thereby completely surrounding and encapsulating
8 the portion of the lath shell over the at least one relief.

1 14. A method of forming a plant-on trim element,
2 comprising the steps of:

3 (a) forming an elongate lath shell having a three-
4 dimensional shape and an interior cavity from a flat sheet of
5 foraminous sheet material;

6 (b) forming an elongate core having a shape closely
7 conforming to the interior cavity of the lath shell;

8 (c) forming at least one relief in the core; and

9 (d) installing the core within the lath shell.

1 15. The method of forming a plant-on trim element
2 according to claim 14, wherein step (a) further comprises the
3 steps of:

4 (e) providing a roll forming machine capable of performing
5 at least one roll forming step; and

6 (f) passing the foraminous sheet material into the roll
7 forming machine; and

8 (g) having the roll forming machine perform the roll
9 forming step on the foraminous sheet material as the sheet
10 material is passing through the machine, whereby the lath shell
11 is formed from the foraminous sheet material.

1 16. The method of forming a plant-on trim element
2 according to claim 14, wherein step (c) further comprises the
3 steps of:

4 (h) providing a hot wire cutter;

5 (i) cutting into a periphery of the core using the hot wire
6 cutter; and

7 (j) removing a portion of the periphery of the core cut out
8 by the hot wire cutter.

1 17. A method of forming a plant-on trim element and
2 installing the plant-on trim element on a structure, comprising
3 the steps of:

4 (a) forming an elongate lath shell having a three-
5 dimensional shape defining an interior cavity from a flat sheet
6 of foraminous sheet material;

7 (b) forming an elongate core having a shape closely
8 conforming to the interior cavity of the lath shell;

9 (c) forming at least one relief in a periphery of the core;

10 (d) installing the core within the lath shell;

11 (e) fastening the lath and core assembly to the structure;

12 (f) applying a finish coating to the lath shell; and

13 (g) filling the at least one relief of the core with the
14 finish coating, thereby completely surrounding and encapsulating
15 the lath shell to the core over the at least one relief.